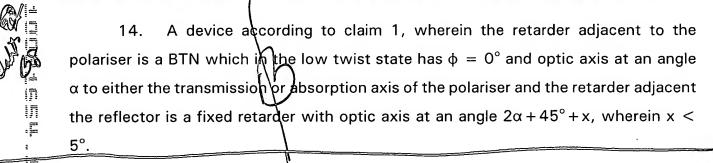


- 7. A device according to claim 5, wherein θ_1 is substantially 15° and the low twist state is substantially $\phi = 0^\circ$.
- 8. A device according to claim 5, wherein $5^{\circ} < \theta_1 < 25^{\circ}$ and the low twist state is substantially $\phi = 63.6^{\circ}$.
- 9. A device according to claim 5, wherein $\theta_1 = 15^\circ$ and the low twist state is substantially ϕ 63.6°.



11. A device according to claim 5, wherein 5° < 90° - θ_1 < 25° and the low twist state is substantially ϕ - 63.6° .





20. A device according to claim 16, wherein the retarder comprising a BTN liquid crystal provides a retardation of n $\lambda/4$.



23. A device according to claim 22, wherein the retarder adjacent the polariser is at angle α to the axis of the polariser, the next retarder is at angle β to the axis of the polariser and the retarder adjacent the reflector is a BTN which in the low twist state, ϕ , has the input director (LC director at cell surface adjacent to retarder) at an angle $2(\beta-\alpha) + \theta$ (ϕ) + x to the axis of the polariser wherein x < 5° .



25. A device according belaim 23 in which $\alpha = 6.9^{\circ}$ and $\beta = 34.5^{\circ}$.

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- 30. A device according to claim 22, wherein the wavelength λ is an operating wavelength of the reflective liquid crystal device and is in the range 400-700nm.
- 32. A device according to claim 1 in which the BTN switches between a state φ and $(\varphi\pm360^\circ).$
- 33. A device according to claim 1 in which the BTN switches between a state φ and $(\varphi\pm180^\circ).$

Kindly add new claims 34-37 as follows:

- 34. A device according to claim 16 in which the BTN switches between a state ϕ and $(\phi \pm 360^{\circ})$
- 35. A device according to claim 16 in which the BTN switches between a state ϕ and $(\phi \pm 180^{\circ})$.
- 36. A device according to claim 21 in which the BTN switches between a state $\phi \pm 360^{\circ}$)
- 37. A device according to claim 21 in which the BTN switches between a state ϕ and $(\phi \pm 180^{\circ})$.

A version of the above amended claims marked to indicate the specific amendments may be found in the attached Appendix, in accordance with 37 CFR 1.121(c)(1).